

CYBERSECURITY – MAKING RETAIL OPERATIONS MORE RESILIENT IN THE DIGITAL AGE



The growing use of digital tools across the modern retail sector implies that stores now hold a wealth of highly personal data comprising customer names, addresses, transaction history and financial information.

Given the sector's scale and how closely consumers depend on it, cybercriminals have been putting retailers under their spotlight.

The top threats causing data breaches and cyber attacks in the retail industry are:

Sources of cyber threats for retailers



The security gaps that expose the retail industry to cyber threats are:



Tailored cybersecurity solutions

Major marketplaces and retail brands usually have dedicated IT administrators to manage cybersecurity for their business.

However, for the small, locally operating retailers – who use public cloud services to launch their apps, store critical business data in their devices and do not have a specialised IT team – customised cybersecurity tools are essential.

Tata Tele Business Services offers easy-to-configure and cost-effective tools to escalate the safety and efficiency of digital retail operations:

SECURITY SOLUTIONS	HOW THEY HELP
Secure Cloud Connect Helps establish direct private connections with leading cloud services over MPLS 	<ul style="list-style-type: none"> Secure use of cloud resources, protected from DDoS and cyber attacks SLA-backed enterprise-grade connectivity Ease of scaling bandwidth High network redundancy to avoid single point of failure
Endpoint Security Cybersecurity services for network endpoints, including devices and servers 	<ul style="list-style-type: none"> Inbuilt URL and email filtering, antivirus and firewall service Real-time protection from bad actors Data theft prevention and blocking of unrecognised USBs Administrative panel to check device status
Multifactor Authentication IT security system requiring multiform authentication to verify the user and/or transaction legitimacy 	<ul style="list-style-type: none"> Zero trust security model Access to business assets only for authorised users and healthy devices User authentication in seconds Instant integration with enterprise apps
Email Security Cloud-based security to safeguard multiple email platforms 	<ul style="list-style-type: none"> Cisco AMP protection against sophisticated threats Seamless integration with Gmail and Office 365 Advanced image analysis and spam filters for content control Outbound DKIM to prevent messages alteration in transit Assured disaster recovery and 32 days' trace reply
Virtual Firewall A firewall service for networked traffic filtering and monitoring in a virtualised environment 	<ul style="list-style-type: none"> Advanced threat intelligence and zero-day protection Application awareness and deep-packet inspection for app control and threat blocking Centralised security management
Web Security First line of defence against online threats, eliminating them before they reach the business network or endpoints 	<ul style="list-style-type: none"> Real-time protection with full enforcement of web usage policies Complete visibility into online activities Predictive security enforcement layer at the frontline Quick identification of infected devices and prevention of data exfiltration Low latency

Digital is the next normal in retail, and now is the time to make it secure.

Sources:

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